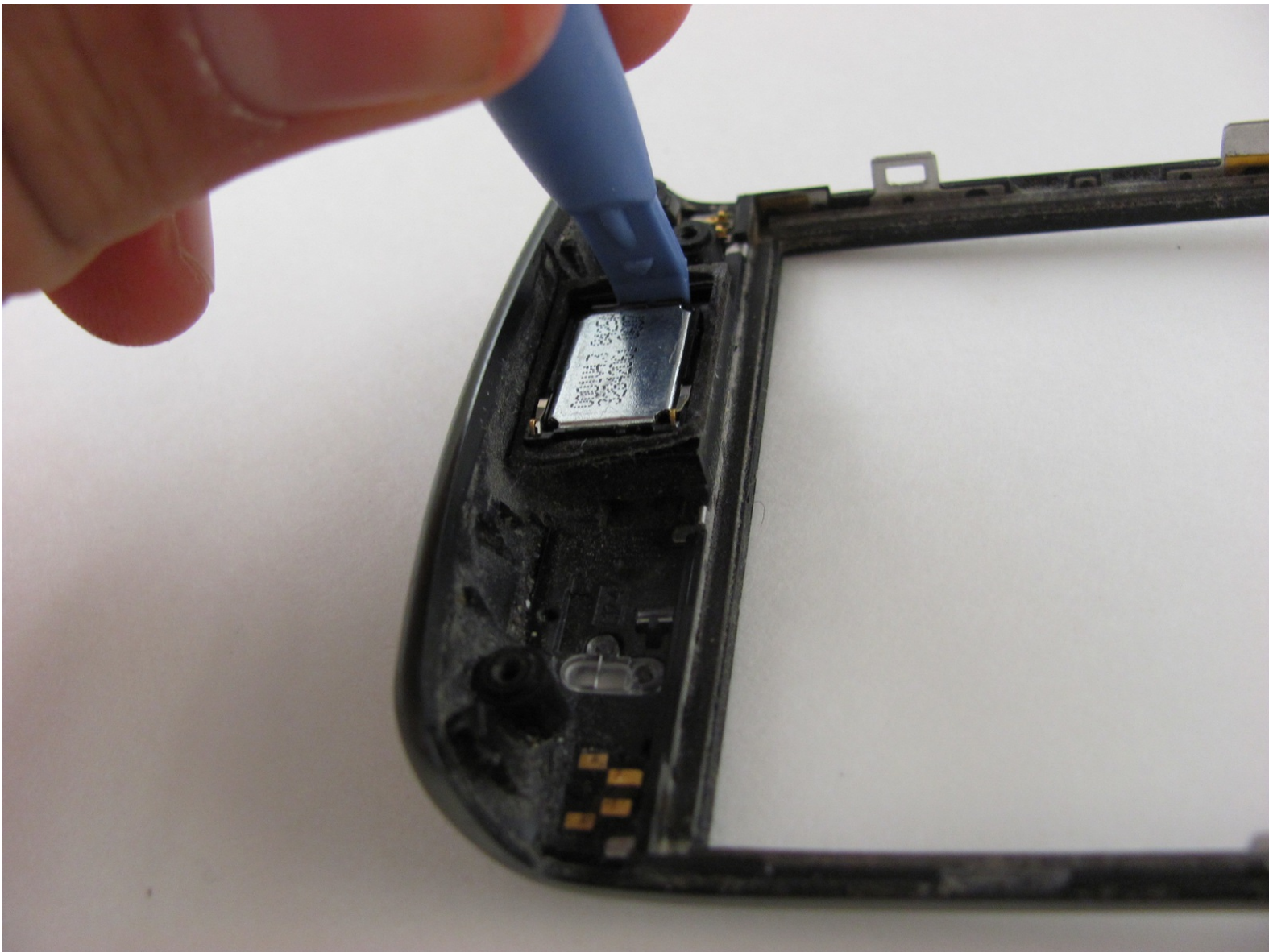




Blackberry Storm 9530 Ear Speaker Replacement

If you are having trouble hearing your mom's voice on the phone then you may need an ear speaker replacement!

Written By: Kye Miranda



INTRODUCTION

The ear speaker is located in the top right corner of the front panel. Sometimes these speakers break or blow out due to excessive use. This guide will instruct you on how to access, remove, and replace this speakers.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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Step 1 — Back Cover Removal



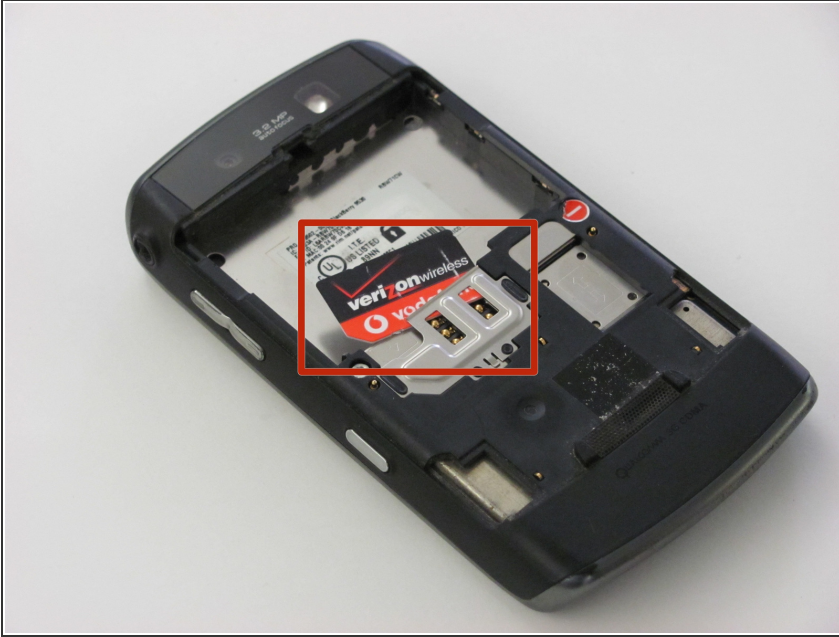
- First locate the two switches located on the lower backside of the phone.
- Simultaneously, push the two switches forward causing the back to "pop" off.
- The back cover should be fully detached from the phone.

Step 2



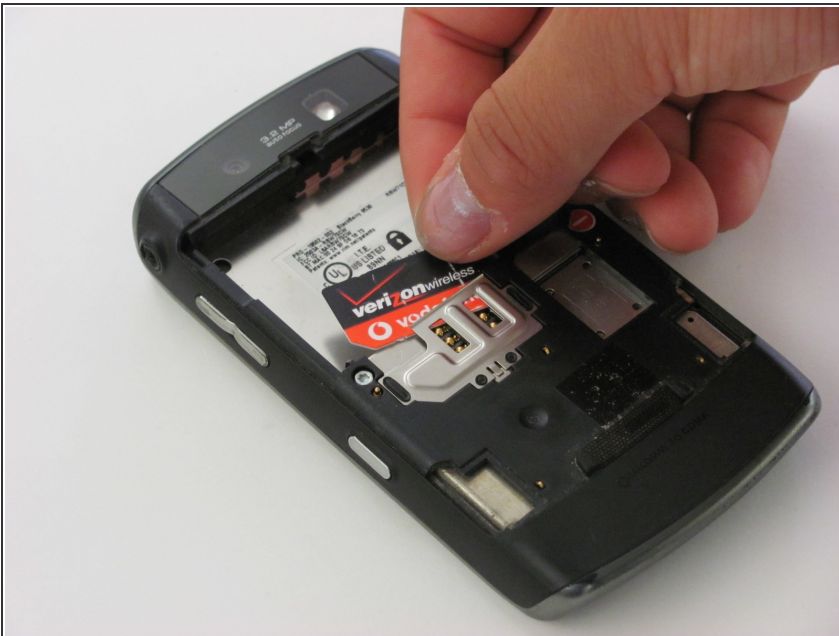
- Once the cover has been removed, the battery should be immediately visible.
- The battery is situated in the top half of the phone.
- Using either your finger or the spudger/prying tool, remove the battery from the back of the device.
- ⓘ Your battery has a specific orientation to it. Make sure the bronze/gold colored leads are aligned with the bronze/gold colored strips on your battery before reassembling.

Step 3 — SIM Card



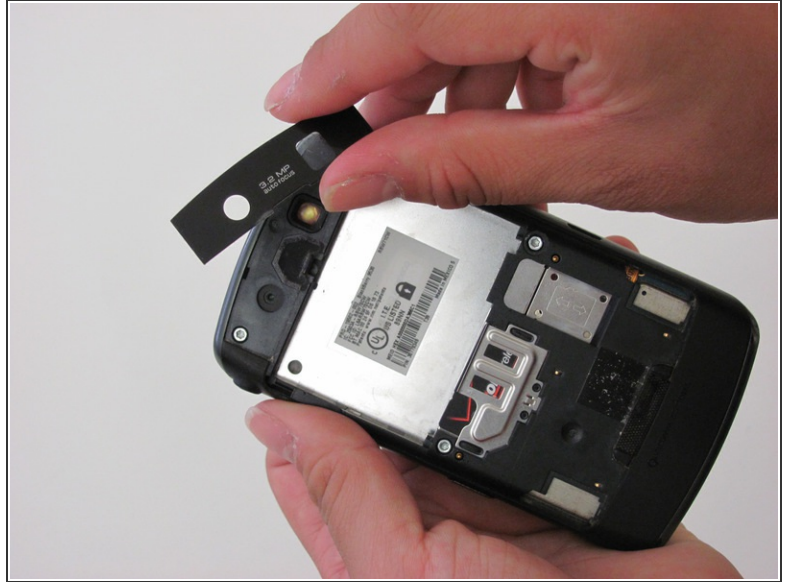
- Once the battery has been removed, locate the SIM card. The SIM card is typically located in the center of the phone, secured by a metal tray.

Step 4



- Once you have located the SIM card, carefully remove it by sliding it upwards out of the metal tray. No tools are needed, just those fancy fingers.
- ⓘ Your SIM card has a specific orientation to it when it is replaced. Make sure the bronze/gold colored leads are aligned with the bronze/gold colored strips in the SIM card tray before reassembling.

Step 5 — Back Speaker



- Gently force the spudger tool underneath the plastic flap that protects the camera lens.
- With the spudger tool underneath the flap, remove the plastic cover by lifting it away from the phone.

Step 6



- Place the spudger tool underneath the front plastic flap.
- Once in place, use the spudger tool to lift and remove the plastic cover.

Step 7



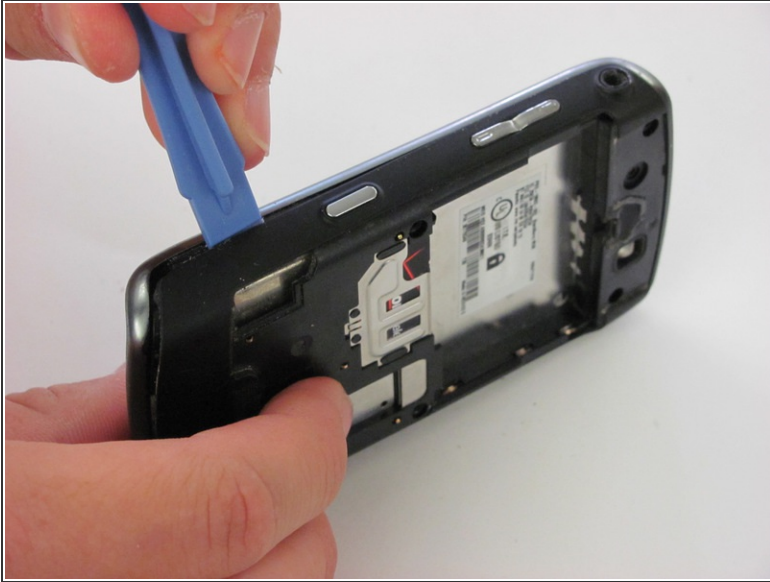
- Locate both bronze colored Torx T6 3 mm screws.
- Unscrew the bronze screws with a Torx T6 screwdriver.

Step 8



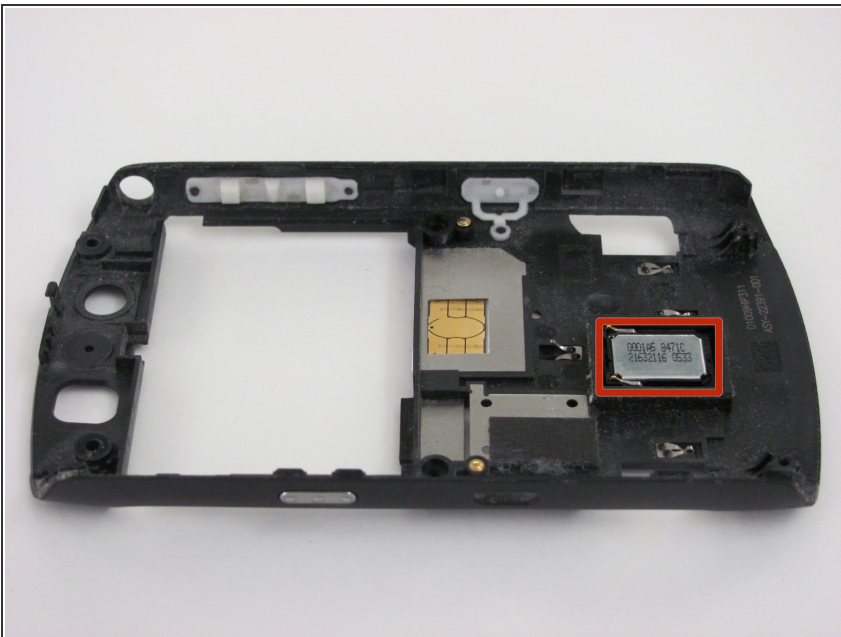
- Locate and unscrew the 4 Torx T6 3 mm silver screws on the back of the phone.
- Unscrew the 4 screws with a T-6 Torx Head Screwdriver.

Step 9



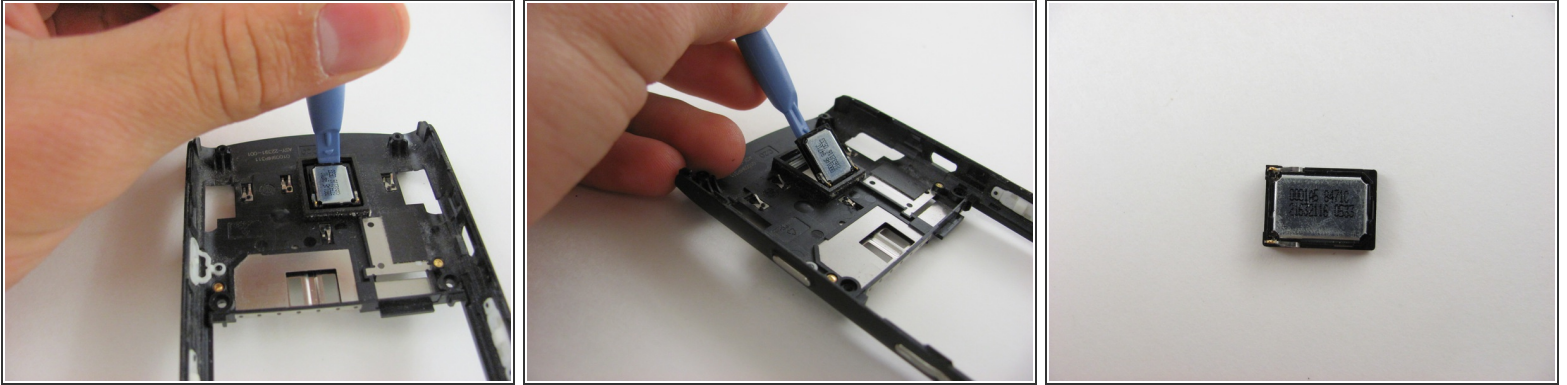
- Separate the back, plastic panel from the front panel by prying the spudger between the two and sliding it across on both sides.
- Take hold of both halves of the phone and separate.

Step 10




- Locate the back speaker on the back panel of the phone.

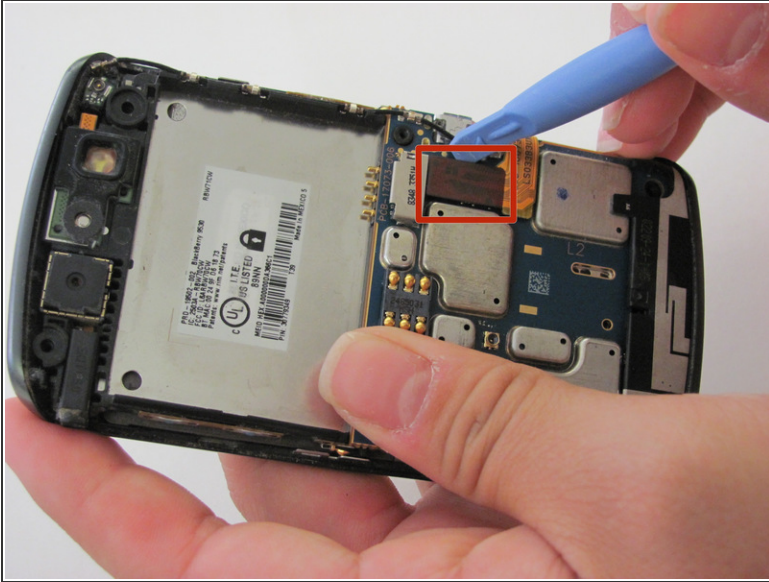
Step 11



- Place the spudger tool underneath the back speaker component.
- Lightly force the back speaker off of the panel by lifting the spudger tool.

 When removing speakers, replacing or re-inserting them may result in looseness. This means that during re-assembly they may fall out or shift. An adhesive may be necessary to keep the speaker in place.

Step 12 — Logic/Motherboard



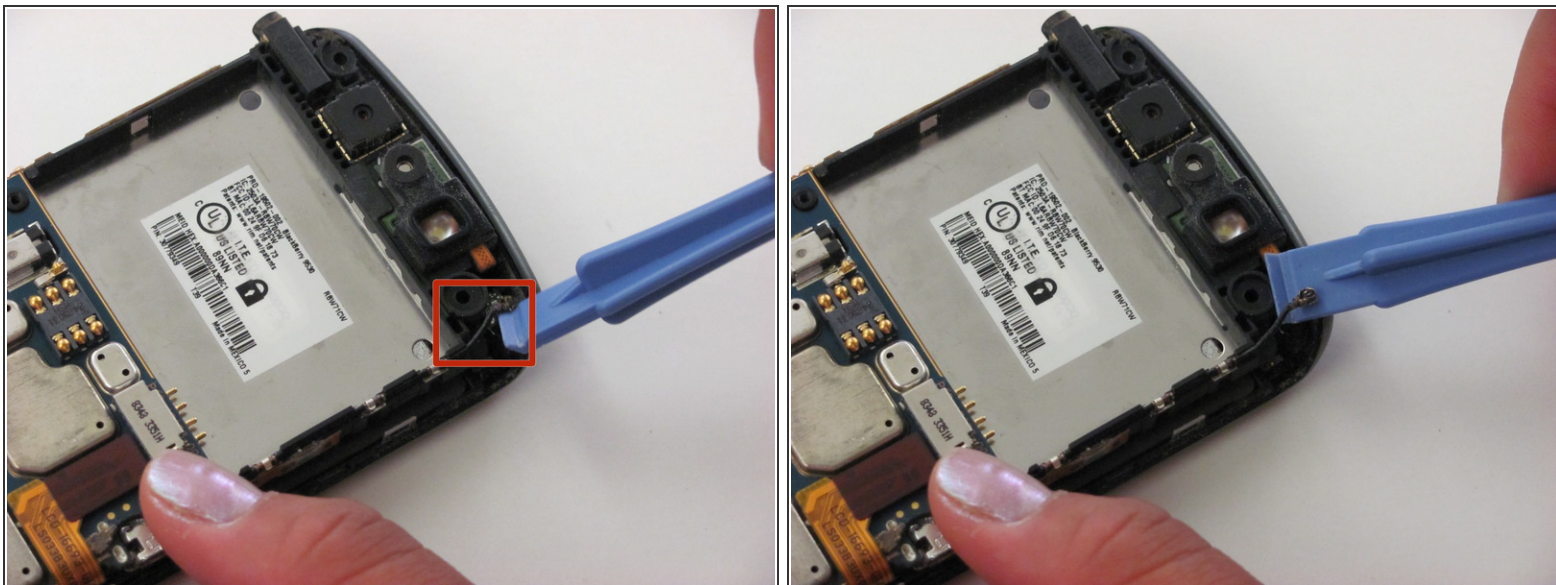
- Locate the red tabbed pin strip connected to the logic/motherboard. The red tabbed pin strip should be located on the right hand side of the back of the phone.
- Using a spudger tool, disconnect the red tabbed pin strip from the logic/motherboard. This can be done by inserting the spudger tool under the side of the tab and gently pulling upwards towards you.

Step 13



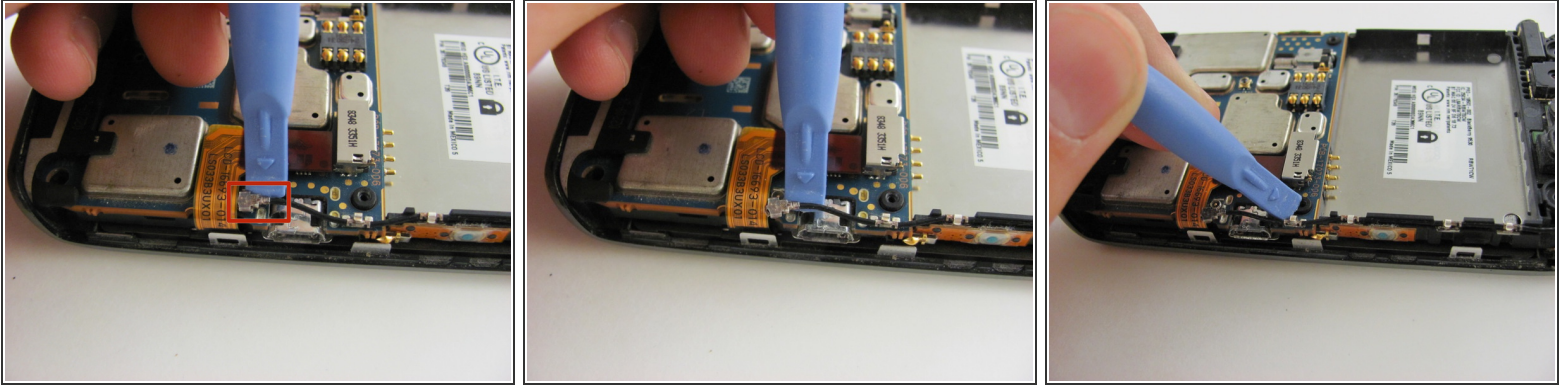
- After removing the red tabbed pin strip, locate the the yellow tabbed pin strip. This should be directly under the red tabbed pin strip.
- Disconnect the yellow tabbed pin strip from the logic/motherboard. This can be done using the same technique used to disconnect the red tabbed pin strip.

Step 14



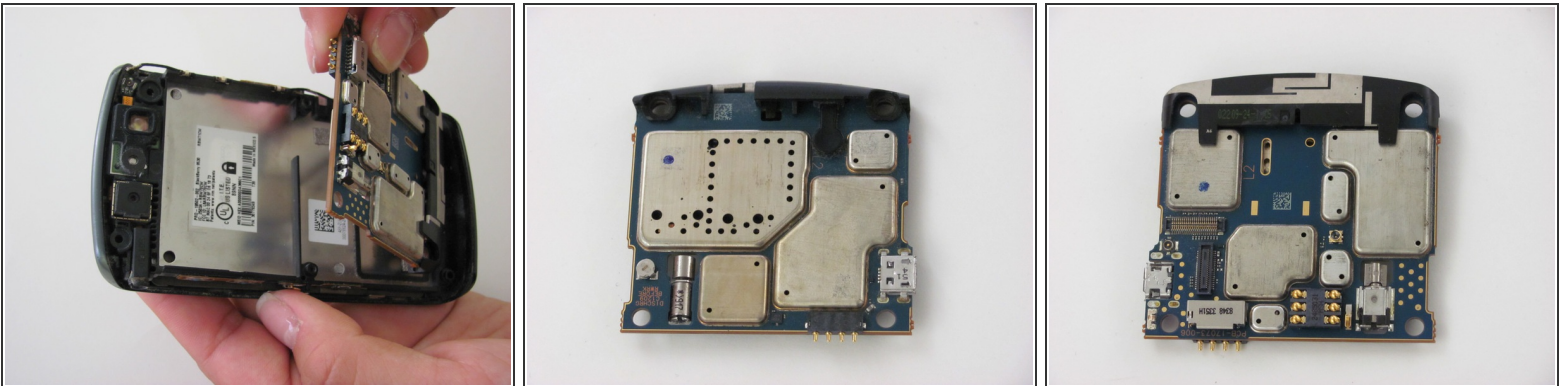
- Now that the red and yellow pinned tabs have been disconnected, disconnect the antenna cable located at the top right of the phone.
- The cable can be disconnected using the spudger tool.
- Insert the spudger under the side of the antenna connection. Gently pull upwards to disconnect the cable.

Step 15



- Locate the second antenna connection. It can be found toward the middle/bottom right of the phone close to where the red and yellow tabbed pin strips were.
- Remove the antenna connection. This can be done using the same method done in the top antenna removal step.
- The antenna cable will still not be entirely disconnected from the logic/motherboard. To remove it entirely, loosen the bottom metal cable grip that pins down the cable.

Step 16



- Now that all components holding the logic/motherboard down have been removed or disconnected, the board should be free to be removed.
- The board can be removed by gripping the top right edge of it with your fingers and pulling it out gently.

Step 17 — Screen Button



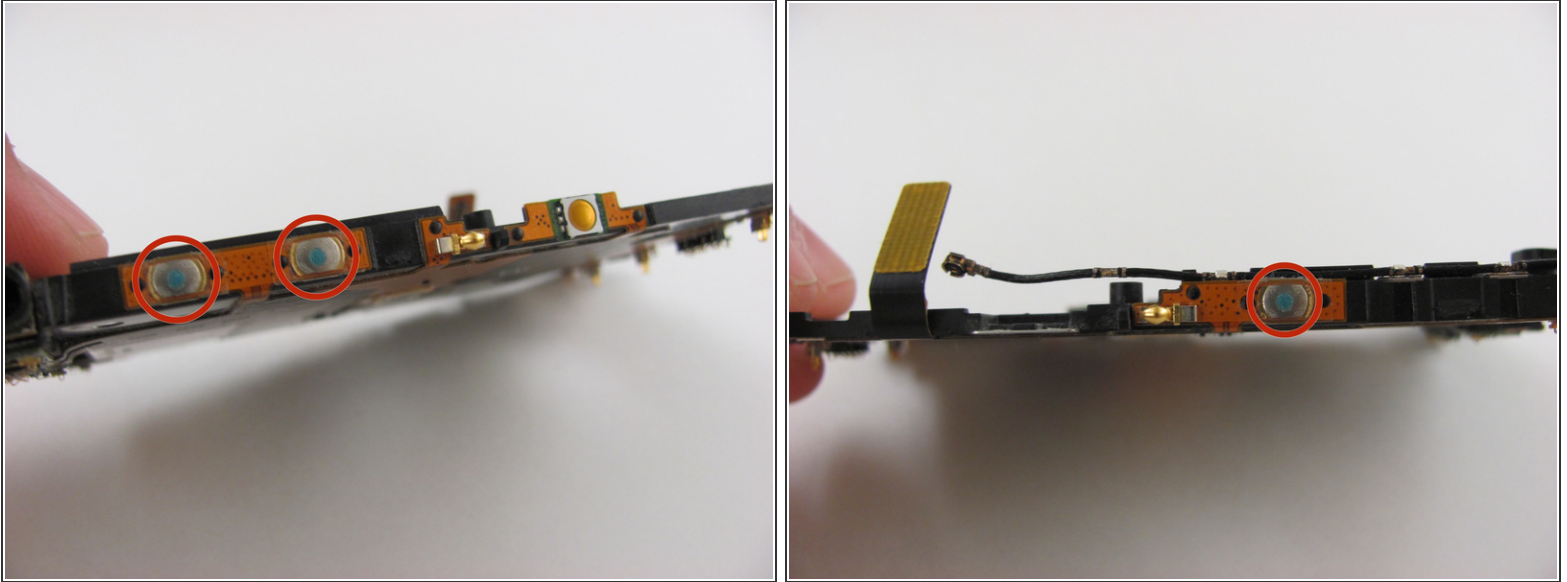
- Separate the middle button panel from the screen and front frame. To do so, take hold of the middle panel and lift it away from the front frame.

Step 18



- On the underside of the middle panel is the screen button and accessory parts.
- Circled here is the screen button. To replace the screen button, you must replace the entire middle panel.
- ⓘ Contact your plan provider or the phone manufacturer for details on obtaining a new panel.

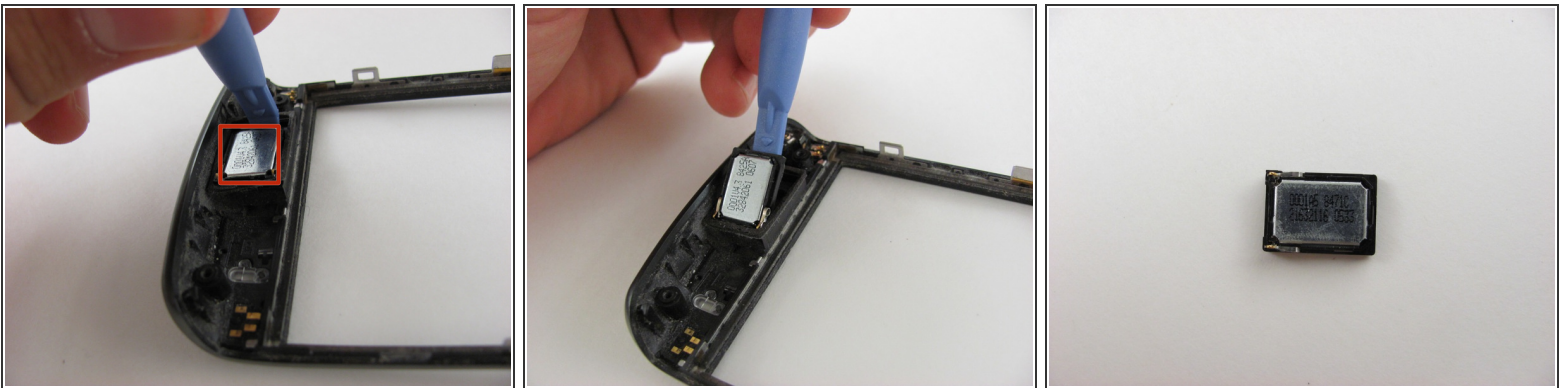
Step 19 — Volume Control and Convenience Key Buttons



- Circled are the volume control and convenience key buttons. These buttons are located on the middle panel. In order to replace these buttons, you must also replace the entire middle panel.


 Contact your plan provider or the phone manufacturer for details on obtaining a new panel.

Step 20 — Ear Speaker



- First locate the speaker in the top right corner of the front panel
- Next, place your plastic prying tool underneath the speaker and slowly lift.

 You may have to be a little forceful with the speaker, because it can sometimes be hard to get out.

 When removing speakers, replacing or re-inserting them may result in looseness. This means that during re-assembly they may fall out or shift. Glue may be necessary to keep the speaker in place.

To reassemble your device, follow these instructions in reverse order.

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